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Docket No.: 29314/35410A
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Zabeau *et al.*

Application No.: 10/018,453

Group Art Unit: 1645

Filed: October 30, 2001

Examiner: TBD

Priority: U.S. National Stage of PCT/EP00/03904, filed October 30, 2000

For: DIAGNOSTIC SEQUENCING BY A COMBINATION OF SPECIFIC CLEAVAGE AND MASS SPECTROMETRY

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

This preliminary amendment is submitted to correct typographical errors which relate to units of measurement included in the above-mentioned specification.

Amendments To The Specification

-Please amend the paragraph at page 41, line 11 through page 42, line 23 as follows.

B1

The first step towards the sequence analysis according to the present invention involved the amplification of the 158 base-pair test sequence. The reaction was carried out in a total volume of 50 µl using 12.5 pmol each of the forward and reverse primer, 200 µM of each dNTP, 0.25 µl Taq DNA polymerase (5U/µl; Promega, Madison, WI), 1.5 mM $MgCl_2$ and a buffer supplied with the enzyme. After an initial incubation at 94°C for 2 min, 40 cycles of the following temperature program were performed: 94°C for 30 sec, 50°C for 30 sec, and 72°C for 15 sec. The sample was kept an additional 15 min at 72°C and then chilled. The PCR reaction